

## Symposium VIII

### **Taper Corrosion in Total Hip Arthroplasty: Applying the Best Evidence into Practice**

**Moderator:** Joshua J. Jacobs, MD

**Faculty:** Brian J. McGrory, MD, Young-Min Kwon, MD, PhD, Brett Levine, MD

An interactive didactic and case presentation format highlights treatment of THA patients with modular taper corrosion, enhancing understanding and applying evidence-based practice to optimize patient evaluation, revision surgery indication, surgical techniques and outcomes.

#### **Objectives:**

1. Understanding the spectrum of clinical presentations of adverse soft tissue reactions due to taper corrosion, reflecting a complex interplay of implant, surgical and patient factors.
2. Understanding the current state of knowledge of importance of various parameters affecting taper corrosion including patient-, implant- and surgeon-specific factors.
3. Gain understanding of utility and limitations of specialized diagnostic tests including blood metal levels and cross-sectional imaging studies in the clinical decision-making process
4. Optimizing revision surgery outcomes for taper corrosion which involves careful pre-operative planning, implant selection, and surgical techniques to overcome challenges associated with soft tissue necrosis

#### **Outline:**

Introduction

Joshua J. Jacobs, MD

What Surgeons Need to Know About Taper Corrosion in MoP THA

Brett Levine, MD

How Big is the Problem?

Brian J. McGrory, MD

Risk Factors, Metal Levels, and Revision Outcome in Taper Corrosion ALTR

Young-Min Kwon, MD, PhD

Case Presentations and Discussions